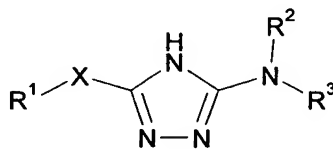


Amendments to the Claims:

This listing of claims will replace all prior versions, and listing, of claims in the application:

Claims 1-42 (Cancelled).

Claim 43 (New): A compound of Formula (I), or a pharmaceutically acceptable salt or solvate thereof:



Formula (I)

wherein:

X is S;

R¹ is optionally substituted furan-C₁alkyl;

R² is optionally substituted Ar-C₀₋₆alkyl; and

R³ is H, optionally substituted C₁₋₆alkyl, C₃₋₆alkenyl, or C₃₋₆alkynyl.

Claim 44 (New): The compound according to claim 43, selected from:

5-(5-phenylamino-4*H*-[1,2,4]triazol-3-ylsulfanylmethyl)-furan-2-carboxylic acid ethyl ester;
5-(5-phenylamino-4*H*-[1,2,4]triazol-3-ylsulfanylmethyl)-furan-2-carbaldehyde;
5-(5-*p*-tolyl amino-4*H*-[1,2,4]triazol-3-ylsulfanylmethyl)-furan-2-carboxylic acid ethyl ester;
5-(5-*p*-tolyl amino-4*H*-[1,2,4]triazol-3-ylsulfanylmethyl)-furan-2-carbaldehyde;
5-(5-*o*-tolyl amino-4*H*-[1,2,4]triazol-3-ylsulfanylmethyl)-furan-2-carboxylic acid ethyl ester;
5-(5-*o*-tolyl amino-4*H*-[1,2,4]triazol-3-ylsulfanylmethyl)-furan-2-carbaldehyde;
3-(2-methyl-anilino)-5-(furan-3-ylmethylthio)-1,2,4-triazole;
3-(2-methoxy-anilino)-5-(furan-2-ylmethylthio)-1,2,4-triazole;
5-(5-(2-methoxyphenylamino)-4*H*-[1,2,4]triazol-3-ylsulfanylmethyl)-furan-2-carboxylic acid ethyl ester
3-(2-methoxy-anilino)-5-(furan-3-ylmethylthio)-1,2,4-triazole;
5-(5-(3-methylphenylamino)-4*H*-[1,2,4]triazol-3-ylsulfanylmethyl)-furan-2-carboxylic acid ethyl ester;
5-(5-(3-methylphenylamino)-4*H*-[1,2,4]triazol-3-ylsulfanylmethyl)-furan-2-carbaldehyde;
3-(4-fluoro-anilino)-5-(furan-2-ylmethylthio)-1,2,4-triazole;
5-(5-(4-fluorophenylamino)-4*H*-[1,2,4]triazol-3-ylsulfanylmethyl)-furan-2-carboxylic acid ethyl ester;

5-(5-(4-fluorophenylamino)-4*H*-[1,2,4]triazol-3-ylsulfanylmethyl)-furan-2-carbaldehyde; and
3-(4-fluoro-anilino)-5-(furan-3-ylmethylthio)-1,2,4-triazole
or a pharmaceutically acceptable salt or solvate thereof.

Claim 45 (New): The compound according to claim 43, selected from:

3-anilino-5-(furan-3-ylmethylthio)-1,2,4-triazole;
3-anilino-5-(furan-2-ylmethylthio)-1,2,4-triazole;
3-(2-methyl-anilino)-5-(furan-2-ylmethylthio)-1,2,4-triazole;
3-(3-methyl-anilino)-5-(furan-2-ylmethylthio)-1,2,4-triazole;
3-(3-methyl-anilino)-5-(furan-3-ylmethylthio)-1,2,4-triazole; and
or a pharmaceutically acceptable salt or solvate thereof.

Claim 46 (New): The compound according to claim 43, selected from:

3-(2-isopropyl-anilino)-5-(furan-2-ylmethylthio)-1,2,4-triazole;
5-(5-(2-isopropylphenylamino)-4*H*-[1,2,4]triazol-3-ylsulfanylmethyl)-furan-2-carboxylic
acid ethyl ester;
5-(5-(2-isopropyl amino)-4*H*-[1,2,4]triazol-3-ylsulfanylmethyl)-furan-2-carbaldehyde;
3-(2-isopropyl-anilino)-5-(furan-3-ylmethylthio)-1,2,4-triazole;
3-(4-methyl-anilino)-5-(furan-2-ylmethylthio)-1,2,4-triazole;
3-(4-methyl-anilino)-5-(furan-3-ylmethylthio)-1,2,4-triazole;
or a pharmaceutically acceptable salt or solvate thereof.

Claim 47 (New): A pharmaceutical composition comprising the compound according to
claim 43 and a pharmaceutically acceptable carrier.

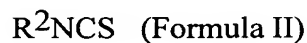
Claim 48 (New): A pharmaceutical composition comprising the compound according to
claim 44 and a pharmaceutically acceptable carrier.

Claim 49 (New): A pharmaceutical composition comprising the compound according to
claim 45 and a pharmaceutically acceptable carrier.

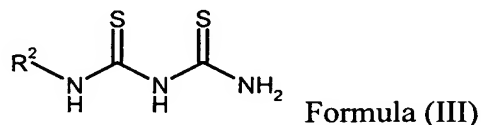
Claim 50 (New): A pharmaceutical composition comprising the compound according to
claim 46 and a pharmaceutically acceptable carrier.

Claim 51 (New): A method of making the compound of Formula (I) according to claim 43, wherein X is sulfur, comprising the steps of:

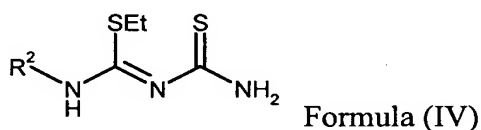
- a) combining an isothiocyanate of Formula (II):



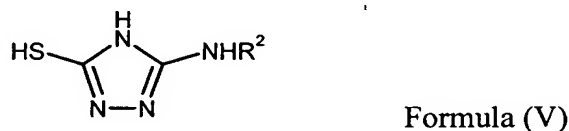
with thiourea to provide a compound of Formula (III):



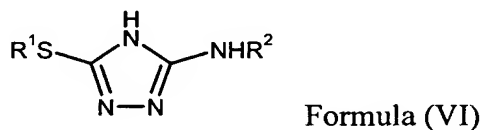
- b) treating the compound of Formula (III) with an alkyl halide under basic conditions to provide a compound of Formula (IV):



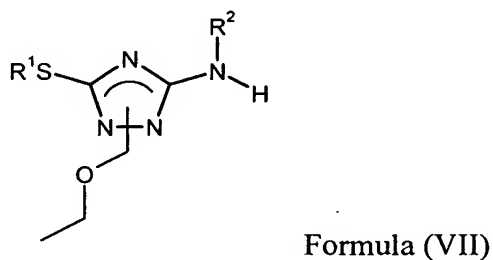
- c) treating the compound of formula (IV) with hydrazine to provide a compound of Formula (V):



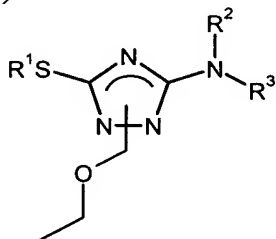
- d) treating the compound of formula (V) with an alkyl halide under basic conditions to provide a compound of Formula (VI):



- e) protecting the compound of formula (VI) to provide a compound of Formula (VII):



f) alkylating the compound of formula (VII) with an alkyl halide to provide a compound of Formula (VIII):



Formula (VIII)

g) deprotecting the compound of formula (VIII) to provide the compound of Formula (I).

Claim 52 (New): A method of inhibiting MetAP2, comprising contacting MetAP2 with the compound of Formula (IA) according to claim 43 or a pharmaceutically acceptable salt or solvate thereof.